

### Amendments to the Claims

Claim 1 (**Currently Amended**) A mobile terminal having a communication function, the mobile terminal comprising:

- ~~—— a message storing section operable to store a plurality of answering messages;~~
- a detection section operable to detect an incoming or outgoing phone call;
- an information acquisition section operable to acquire related information concerning an answering message used in answering an incoming or outgoing phone call from the message storing section in response to detection of the an incoming or outgoing phone call by the detection section;
- ~~—— a device section operable to acquire environment information concerning surroundings of the mobile terminal or a state of the mobile terminal in response to detection of the incoming or outgoing phone call by the detection section;~~
- a history generation section operable to generate history information in which the related information answering message acquired by the information acquisition section and the environment information acquired by the device section ~~are~~ is kept in association with at least a telephone number of the incoming or outgoing phone call as a piece of the history information;
- a history storing section operable to store the history information generated by the history generation section; and
- a history notification section operable to notify a user of the mobile terminal of the related information and the environment information answering message contained in the piece of the history information, in response to an incoming or outgoing phone call from or to the telephone number contained in the piece of the history information stored in the history storing section.

Claims 2-4 (**Canceled**)

Claim 5 (**Currently Amended**) The mobile terminal according to claim 15-1, wherein,

the history storing section is further operable to store information indicating whether or not the telephone number contained in the piece of the history information has been redialed, and

at a time of the incoming or outgoing phone call, the history notification section is operable to notify the user of the answering message associated with the piece of the history information containing the telephone number only if the telephone number has not yet been redialed.

**Claim 6 (Currently Amended)** The mobile terminal according to claim 15, ~~4~~, wherein,

the message storing section is further operable to store alarm information specifying a time at which to notify with an alarm in connection with the answering message, and

the history notification section is operable to notify the user of the answering message associated with the piece of the history information which has reached the time specified by the alarm information.

**Claim 7 (Previously Presented)** The mobile terminal according to claim 5, wherein,

the message storing section is further operable to store alarm information specifying a time at which to notify with an alarm in connection with the answering message, and

the history notification section is operable to notify the user of the answering message associated with the piece of the history information which contains the telephone number that has not yet been redialed and which has reached the time specified by the alarm information.

**Claim 8 (Previously Presented)** The mobile terminal according to claim 5, wherein,

if a number of pieces of the history information stored in the history storing section exceeds a predetermined maximum number, the history notification section is operable to automatically delete a piece of the history information which contains an already redialed telephone number and which has an oldest time of reception/calling.

**Claim 9 (Previously Presented)** The mobile terminal according to claim 5, wherein,

when a piece of the history information which contains a telephone number that has not yet been redialed is nominated for deletion, the history notification section is operable to present a message to the user to seek an approval to delete the piece of the history information.

Claim 10 (**Currently Amended**) An incoming/outgoing call history management method for managing a communication history of a mobile terminal, the incoming/outgoing call history management method comprising:

- detecting an incoming or outgoing phone call from or to another mobile terminal;
- ~~acquiring related information concerning an answering message used in answering an incoming or outgoing phone call from a plurality of answering messages~~ in response to detection of ~~the an~~ incoming or outgoing phone call;
- ~~acquiring environment information concerning surroundings of the mobile terminal or a state of the mobile terminal in response to detection of the incoming or outgoing phone call;~~
- generating history information in which the related information and the environment information ~~are answering message~~ is kept in association with at least a telephone number of the incoming or outgoing phone call as a piece of the history information;
- storing the generated history information; and
- notifying a user of the mobile terminal of the related information and the environment information ~~answering message~~ contained in the piece of the history information, in response to an incoming or outgoing phone call from or to the telephone number contained in the piece of the stored history information.

Claim 11 (**Currently Amended**) A program embodied on a computer readable medium for causing a mobile terminal to perform an incoming/outgoing call history management method for managing a communication history of the mobile terminal,

- the program causing the mobile terminal to execute:
- detecting an incoming or outgoing phone call from or to another mobile terminal;
- ~~acquiring related information concerning an answering message used in answering an incoming or outgoing phone call from a plurality of answering messages~~ in response to detection of ~~the an~~ incoming or outgoing phone call;
- ~~acquiring environment information concerning surroundings of the mobile terminal or a state of the mobile terminal in response to detection of the incoming or outgoing phone call;~~
- generating history information in which the related information and the environment information ~~are answering message~~ is kept in association with at least a telephone number of the incoming or outgoing phone call as a piece of the history information;

storing the generated history information; and  
notifying a user of the mobile terminal of the related information and the environment information ~~answering message~~ contained in the piece of the history information, in response to an incoming or outgoing phone call from or to the telephone number contained in the piece of the stored history information.

Claim 12 (**Currently Amended**) A computer data signal embodied in a memory-carrier-wave for causing a mobile terminal to perform an incoming/outgoing call history management method for managing an incoming/outgoing call history of the mobile terminal,

the computer data signal comprising:

a detecting source code segment for detecting an incoming or outgoing phone call from or to another mobile terminal;

an acquiring source code segment for acquiring related information concerning an answering message used in answering an incoming or outgoing phone call ~~from a plurality of answering messages~~ in response to detection of the an incoming or outgoing phone call;

a device section source code segment for acquiring environment information concerning surroundings of the mobile terminal or a state of the mobile terminal in response to detection of the incoming or outgoing phone call by the detecting source code segment;

a generating source code segment for generating history information in which the related information and the environment information ~~are answering message~~ is kept in association with at least a telephone number of the incoming or outgoing phone call as a piece of the history information;

a storing source code segment for storing the generated history information; and

a notifying source code segment for notifying a user of the mobile terminal of the related information and the environment information ~~answering message~~ contained in the piece of the history information, in response to an incoming or outgoing phone call from or to the telephone number contained in the piece of the stored history information.

Claim 13 (**Currently Amended**) An integrated circuit for a mobile terminal having a communication function, the integrated circuit comprising circuitry functioning as:

~~—— a message storing section operable to store a plurality of answering messages;~~

a detection section operable to detect an incoming or outgoing phone call;

an information acquisition section operable to acquire related information concerning an answering machine used in answering an incoming or outgoing phone call ~~from the message storing section~~ in response to detection of the an incoming or outgoing phone call by the detection section;

a device section operable to acquire environment information concerning surroundings of the mobile terminal or a state of the mobile terminal in response to detection of the incoming or outgoing phone call by the detection section;

a history generation section operable to generate history information in which the related information answering message acquired by the information acquisition section and the environment information acquired by the device section ~~are~~ is kept in association with at least a telephone number of the incoming or outgoing phone call as a piece of the history information;

a history storing section operable to store the history information generated by the history generation section; and

a history notification section operable to notify to a user of the mobile terminal of the related information and the environment information ~~answering message~~ contained in the piece of the history information, in response to an incoming or outgoing phone call from or to the telephone number contained in the piece of the history information stored in the history storing section.

Claim 14 (New) The mobile terminal according to claim 1, wherein,

the environment information is at least one of still image information representing the surroundings of the mobile terminal, moving picture information representing the surroundings of the mobile terminal, audio information representing the surroundings of the mobile terminal, position information representing the state of the mobile terminal, viewed program information representing the state of the mobile terminal, and open/close information representing the state of the mobile terminal.

Claim 15 (New) The mobile terminal according to claim 1, further comprising a message storing section operable to store a plurality of answering messages, wherein,

the information acquisition section is operable to acquire from the message storing section an answering message used to answer the incoming phone call as the related information, and

the history storing section is operable to store the answering message acquired by the information acquisition section in association with the telephone number of the incoming phone call.